(d) a nucleic acid that hybridizes to a polynucleotide consisting of SEQ ID NO:1, the complement thereof, or the cDNA contained in ATCC Deposit No. 75874 under hybridization conditions comprising hybridization in a wash buffer consisting of 0.2XSSC and 0.1% SDS at 60°C;

(e) a nucleic acid sequence comprising 30 contiguous nucleotides of SEQ ID NO:1 or the complement thereof; and

(f) a nucleic acid sequence comprising 50 contiguous nucleotides of SEQ ID NO:1 or the complement thereof.

116. (New) The isolated polynucleotide of claim 115, wherein said nucleic acid is (a).

117. (New) The isolated polynucleotide of claim 115, wherein said nucleic acid is (b).

118. (New) The isolated polynucleotide of claim 115, wherein said nucleic acid is (c).

119. (New) The isolated polynucleotide of claim 115, wherein said nucleic acid is (d).

120. (New) The isolated polynucleotide of claim 115, wherein said nucleic acid is (e).

121. (New) The isolated polynucleotide of claim 115, wherein said nucleic acid is (f).

122. (New) An isolated nucleic acid molecule comprising a first polynucleotide at least 90% identical to a second polynucleotide selected from the group consisting of:

(a) a second polynucleotide encoding a polypeptide fragment of SEQ ID NO:2, wherein said fragment possesses endothelial cell proliferative activity;

(b) a second polynucleotide encoding a polypeptide fragment encoded by the cDNA sequence included in ATCC Deposit No: 75874, wherein said fragment possesses endothelial cell proliferative activity;

(c) a second polynucleotide encoding a polypeptide fragment of SEQ ID NO:2, wherein said fragment binds an antibody having specificity for the polypeptide of SEQ ID NO:2;

(d) a second polynucleotide encoding a polypeptide fragment encoded by the cDNA sequence included in ATCC Deposit No: 75874, wherein said fragment binds an antibody having specificity for the polypeptide of SEQ ID NO:2;

(e) a second polynucleotide encoding a polypeptide fragment comprising at least 50 contiguous amino acid residues of SEQ ID NO:2; and

(f) a second polynucleotide encoding a polypeptide fragment comprising at least 50 contiguous amino acid residues encoded by the coding sequence contained in the cDNA in ATCC Deposit No. 75874.

123. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 90% identical to (a).

124. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 95% identical to (a).

125. (New) The isolated nucleic acid molecule of claim 122 comprising second polynucleotide (a).

126. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 90% identical to (b).

127. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 95% identical to (b).

128. (New) The isolated nucleic acid molecule of claim 122 comprising second polynucleotide (b).

129. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 90% identical to (c).

130. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 95% identical to (c).

131. (New) The isolated nucleic acid molecule of claim 122 comprising second polynucleotide (c).

132. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 90% identical to (d).

133. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 95% identical to (d).

134. (New) The isolated nucleic acid molecule of claim 122 comprising second polynucleotide (d).

135. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 90% identical to (e).

136. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 95% identical to (e).

137. (New) The isolated nucleic acid molecule of claim 122 comprising second polynucleotide (e).

138. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 90% identical to (f).

139. (New) The isolated nucleic acid molecule of claim 122 comprising a first polynucleotide at least 95% identical to (f).

140. (New) The isolated nucleic acid molecule of claim 122 comprising second polynucleotide (f).

141. (New) The isolated nucleic acid molecule of claim 122 further comprising a heterologous polynucleotide.

142. (New) A recombinant vector comprising the isolated nucleic acid molecule of claim 122.

143. (New) A method of producing a vector comprising inserting the isolated nucleic acid molecule of claim 122 into a vector.

144. (New) A host cell comprising the vector of claim 142.

145. (New) A host cell comprising the isolated nucleic acid molecule of 122 operably associated with a heterologous regulatory sequence.

146. (New) A method of producing the host cell of claim 144, comprising transducing, transforming or transfecting the host cell with the vector of claim 142.

147. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 144 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

148. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 145 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

149. (New) An isolated nucleic acid molecule encoding an amino acid molecule comprising a first polypeptide at least 90% identical to a second polypeptide selected from the group consisting of:

(a) a polypeptide fragment of SEQ ID NO:2, wherein said fragment possesses endothelial cell proliferative activity;

(b) a polypeptide fragment encoded by the cDNA sequence included in ATCC Deposit No: 75874, wherein said fragment possesses endothelial cell proliferative activity;

(c) a polypeptide fragment of SEQ ID NO:2, wherein said fragment binds an antibody having specificity for the polypeptide of SEQ ID NO:2;

(d) a polypeptide fragment encoded by the cDNA sequence included in ATCC Deposit No: 75874, wherein said fragment binds an antibody having specificity for the polypeptide of SEQ ID NO:2;

(e) a polypeptide fragment comprising at least 50 contiguous amino acid residues of SEQ ID NO:2; and

(f) a polypeptide fragment comprising at least 50 contiguous amino acid residues encoded by the coding sequence contained in the cDNA in ATCC Deposit No. 75874.

150. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 90% identical to (a).

151. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 95% identical to (a).

152. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising (a).

153. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 90% identical to (b).

154. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 95% identical to (b).

155. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising polypeptide (b).

156. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 90% identical to (c).

157. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 95% identical to (c).

158. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising polypeptide (c).

159. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 90% identical to (d).

160. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 95% identical to (d).

161. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising polypeptide (d).

162. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 90% identical to (e).

163. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 95% identical to (e).

164. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising polypeptide (e).

165. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 90% identical to (f).

166. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising a first polypeptide at least 95% identical to (f).

167. (New) The isolated nucleic acid molecule of claim 149 encoding an amino acid molecule comprising polypeptide (f).

168. (New) The isolated nucleic acid molecule of claim 149 further comprising a heterologous polynucleotide.

169. (New) A recombinant vector comprising the isolated nucleic acid molecule of claim 149.

170. (New) A method of producing a vector comprising inserting the isolated nucleic acid molecule of claim 149 into a vector.

171. (New) A host cell comprising the vector of claim 149.

172. (New) A host cell comprising the isolated nucleic acid molecule of 149 operably associated with a heterologous regulatory sequence.

173. (New) A method of producing the host cell of claim 171, comprising transducing, transforming or transfecting the host cell with the vector of claim 169.

174. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 171 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

175. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 172 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.--

Remarks

Claims 54-67, 75-92, 102-107, and 115-208 are pending. Claims 54-67, 75-92 and 102-107 have been allowed. Claims 108-112 have been cancelled and new claims 115-175 have been added